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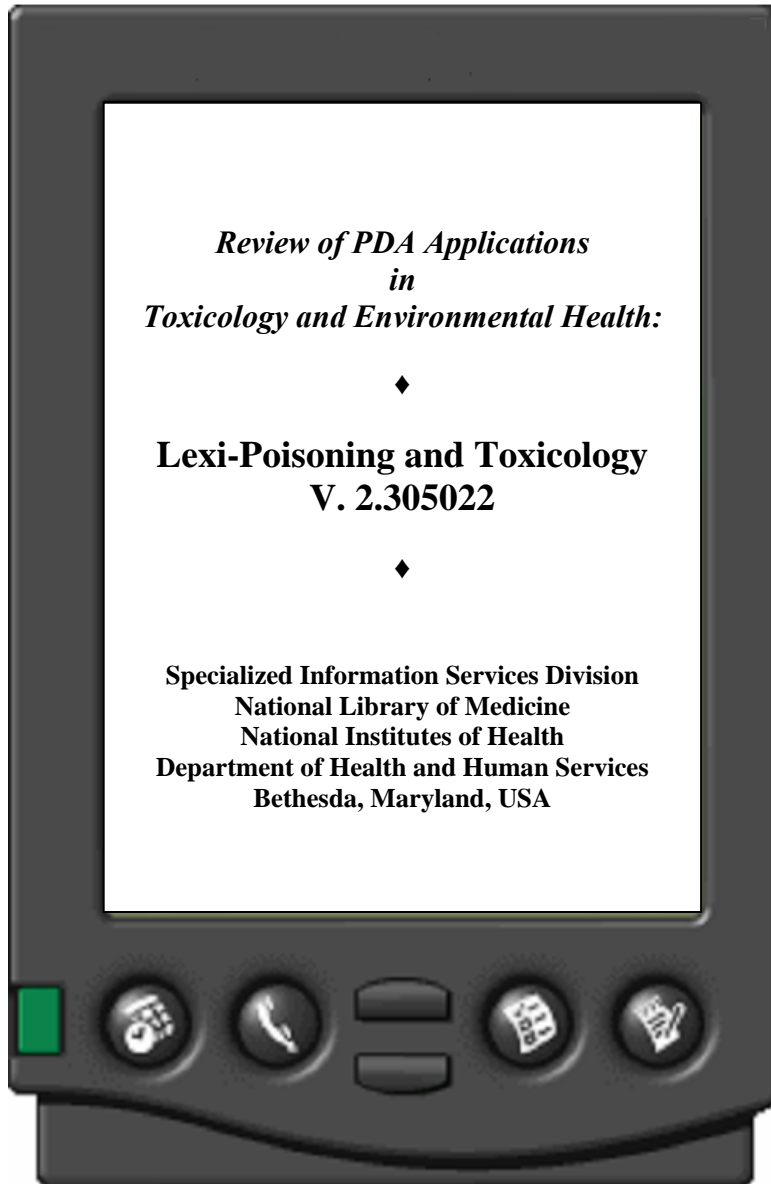
*Review of PDA Applications
in
Toxicology and Environmental Health:*



**Lexi-Poisoning and Toxicology
V. 2.305022**



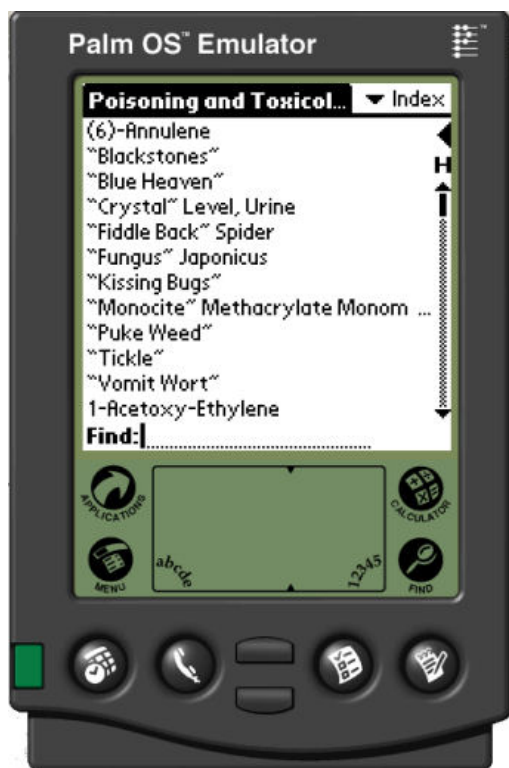
**Specialized Information Services Division
National Library of Medicine
National Institutes of Health
Department of Health and Human Services
Bethesda, Maryland, USA**



Lexi-Poisoning and Toxicology

V. 2.305022

(Reviewed 03/2005)



General Information

For general comments regarding the *Review of PDA Applications in Toxicology and Environmental Health*, please see the [Overview](#).

The technical and content review of this PDA application – **Lexi-Poisoning and Toxicology™** – was based on a downloadable demo. **Lexi-Poisoning and Toxicology™** is a quick reference resource containing more than 1400 medicinal, nonmedicinal, biological, diagnostic tests/procedures, antidotal, and herbal agents.

Intended Users

- Physicians
- Toxicologists
- Pharmacologists
- Pharmacists
- Poison Information Specialists
- Emergency Medicine Personnel
- Industrial Hygienists
- Medical Review Officers
- Forensic Specialists
- Hazardous Material Accident Responders

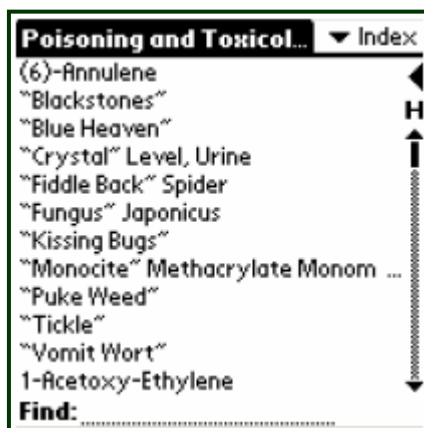
Authorship/Data Source

According to the Lexi-Comp website, the information in Lexi-Poisoning & Toxicology is drawn from experts in the various fields covered in database who review studies and current literature.

Due to the limitations of the PDA platform, appendix information from the printed version of Lexi-Poisoning & Toxicology is not available.

Contents

- Admission Criteria/Prognosis
- Adverse Reactions
- AHPA Botanical Safety Rating System
- Antidote and Aftercare
- Brand, Scientific, and Slang Names
- CAS and UN Numbers
- Contraindications and Warnings
- Diagnostic Tests/Procedures
- Drug Interactions
- Mechanism of Toxic Action
- Overdosage Treatment
- Pharmacodynamics/Kinetics
- Signs & Symptoms of Acute Overdose

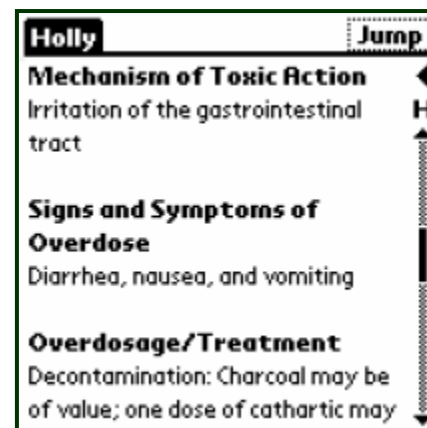


◀ The first screen you see is the **Main Index**. It allows you to search by the names, synonyms, and brand names of agents.

Tapping on a word or phrase will take you to that agent's monograph.

▶ The monograph contains detailed information about an agent as shown in this screen.

To navigate the monograph tap the **Jump** button or use the scroll bar. To view the fields tap the field name.



He	Dosage
MAI	Drug Interactions
Abu	Impairment Potential
200	Mechanism of Action
Girc	Name
As c	Overdosage/Treatment
Hail	Pregnancy Implications
of c	Reference Range
200	Related Information
Gup	Signs and Symptoms of Ov...
Hyp	Specific References
Her	Toxicodynamics/Kinetics
	Use
	Warnings

◀ The **Jump** menu is a list of the fields available for the agent you are viewing. Tapping on a field takes you to the field data.

Fields of particular interest:

Specific References shows the journal citations used in the development of the monograph.

Additional Information covers information that may help the user gain a better understanding of the agent.

Related Information links the user to similar agents or agent classes.

Clotrimazole	Jump
inhibitors.	◀
	H
Pregnancy Risk Factor	▶
B (topical); C (troches)	
Lactation	
Excretion in breast milk unknown	
Additional Information	
Periodic assessment of hepatic function is advisable in patients with	▶

FDA PREGNANCY CATE...	Jump
FDA PREGNANCY CATEGORIES	◀
Throughout this book there is a field H	▶
labeled Pregnancy Risk Factor and the letter A, B, C, D, or X	
immediately following which signifies a category. The FDA has established these five categories to indicate the potential of a systemically absorbed drug for causing birth defects. The key differentiation among the categories rests upon the reliability	▶

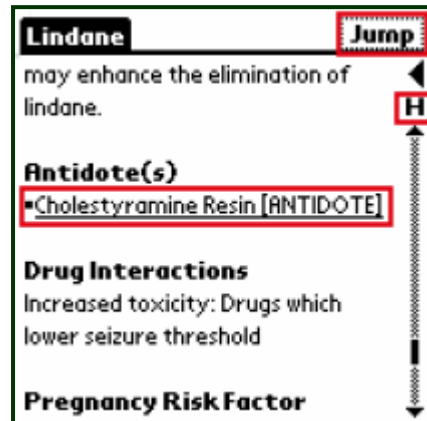
FDA Pregnancy Categories shows an agent's level of risk. The level is based on the FDA's Pregnancy Risk Factors criteria.

One can also locate agents by scrolling through either the CAS Number or UN Number index

Poisoning and Toxicol...	▼ Index
100-02-7 (4-Nitrophenol)	◀
10025-73-7	H
10025-91-9	▶
10026-22-9	
10031-22-8	
10034-99-8	
10043-35-3	
10043-52-4	
10060-12-5	
10061-01-5	
10061-02-6	
1007-33-6	▶
Find:	

Poisoning and Toxicol...	▼ Index
1005	◀
1008	H
1050	▶
1092	
1232	
1255	
1256	
1257	
1270	
1320	
1339	
1356 (>30% water)	▶
Find:	

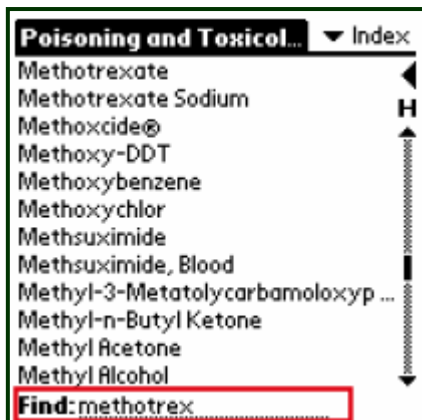
Navigation



To navigate a monograph tap the **Jump** button or use the scroll bar. To view the fields, such as critical values or reference range, tap the field name.

Selecting the "H," located above the scroll bar, provides a list of monographs that have been viewed.

Click on an underlined word or phrase to be taken to further or related information.



Enter in the first few letters of a term and select the appropriate item for review. Methotrexate is used as an example.

Requirements

- Palm OS 3.0 or higher
- Pocket PC 2000, 2002/2003 OS
- Space required: Palm 3.7MB, Pocket PC 4.2MB

Application Type/Price

➤ \$75.00

Availability

Lexi-Poisoning and Toxicology can be purchased at the Lexi-Comp website, <http://www.lexi.com/lexistore/marketing/prodinfo/palms/HPOTOX000000/index.jsp>.

Peer Review Process

The Lexi-Comp web site provides links to articles reviewing their products, <http://www.lexi.com/web/prodreview.jsp>. The articles, however, do not review Lexi-Poisoning & Toxicology.

Update Policy

Automatic updates to both the Palm OS and the Pocket PC software are included with a subscription to the service.

Lexi-Comp also provides special alerts on its website. These alerts are intended to notify clinicians of important news and warnings. In addition, the web site states that these alerts become immediately available for handheld products.

Users will also find Free New Drug notifications on the Lexi-Comp website covers medications recently approved by the FDA or likely to be approved within the next year.

Useful Web Links

Visit the Lexi-Comp website, <http://www.lexi.com>, for more information about the company that produces the software.

For information about the Specialized Information Services division, visit <http://sis.nlm.nih.gov>.

Review of PDA Applications in Toxicology and Environmental Health

Overview

Handheld computer devices known as Personal Digital Assistants (PDAs) are increasingly being used in the fields of toxicology and environmental health. Moreover, software applications covering specialized subject matter in these fields are increasingly being made available to PDA users.

In an effort to provide information on the main technical and content features of selected applications, the National Library of Medicine's Division of Specialized Information Services (SIS) has undertaken an ongoing review of them. Typically, individual reports in the review series are based on free, downloadable demos.

Each report typically covers the following topics: General Information, Intended Users, Authorship/Data Source, Contents, Navigation, Requirements, Application Type/Price, Availability, Useful Web Links, and Updates.



Note: The *Review of PDA Applications in Toxicology and Environmental Health* is not intended to be all comprehensive, but rather a review of selected applications. SIS staff welcomes any comments on completed reviews or suggestions for additional reviews of applications not currently included, as long as they fall within the scope of toxicology and environmental health. You may contact us via email at tehip@tehl.nlm.nih.gov with any comments, questions, or suggestions.

It is not the intention of SIS staff to recommend, or not recommend, any particular PDA device(s) or software application(s), but rather to provide an objective and descriptive review of the main technical and content features of selected applications based on their downloadable demo versions.